

California Code of Regulations
Title 22. Social Security
Division 9. Prehospital Emergency Medical Services
Chapter 1.8. Training Standards for Use of the Automated External
Defibrillator by Non-Licensed or Non-Certified Personnel

Article 1. Definitions

§ 100031. Authorized Individual.

“Authorized individual” means any person, not otherwise licensed or certified to use the automated external defibrillator, who has met the training standards of this chapter, and who has been issued a prescription for use of an automated external defibrillator on a patient not specifically identified at the time the physician’s prescription is given.

Note: Authority cited: Sections 1797.107 and 1797.190, Health and Safety Code.
Reference: Sections 1797.5 ~~and~~ 1797.190, and 1797.196, Health and Safety Code, Section 1714.21, Civil Code.

§ 100032. Automated External Defibrillator.

“Automated external defibrillator” or “AED” means an external defibrillator capable of cardiac rhythm analysis ~~which that~~ will charge and ~~with or without~~ further operator action, deliver a shock, either automatically or by user interaction, after electronically detecting and assessing ventricular fibrillation or rapid ventricular tachycardia. ~~These devices are known as fully or semi-automatic defibrillators.~~

Note: Authority cited: Sections 1797.107 and 1797.190, Health and Safety Code.
Reference: Sections 1797.5 ~~and~~ 1797.190, and 1797.196, Health and Safety Code. Section 1714.21, Civil Code.

§ 100033. Cardiopulmonary Resuscitation.

“Cardiopulmonary resuscitation” or “CPR” means a basic emergency procedure for life support, consisting of artificial respiration, ~~and~~ manual external cardiac massage, and maneuvers for relief of foreign body airway obstruction.

Note: Authority cited: Sections 1797.107 and 1797.190, Health and Safety Code.
Reference: Sections 1797.5 ~~and~~ 1797.190, and 1797.196, Health and Safety Code. Section 1714.21, Civil Code.

§ 100034. Internal Emergency Response System.

“Internal Emergency Response System” means a plan of action and responders within a facility to activate the “9-1-1” emergency system, and which provides for the access, coordination, and management of immediate medical care to seriously ill or injured individuals.

Note: Authority cited: Sections 1797.107 and 1797.190, Health and Safety Code.
Reference: Sections 1797.5 ~~and~~ 1797.190, and 1797.196, Health and Safety Code. Section 1714.21, Civil Code.

§ 100035. Prescribing Physician.

“Prescribing physician” means a physician and surgeon, licensed in California, who issues a written order for the use of the automated external defibrillator to authorized individual(s), and who develops, implements, and maintains the medical control provisions specified in this chapter.

Note: Authority cited: Sections 1797.107 and 1797.190, Health and Safety Code.
Reference: Sections 1797.5 and 1797.190, and 1797.196, Health and Safety Code. Section 1714.21, Civil Code.

Article 2. General Training Provisions

§ 100036. Application and Scope.

(a) Any physician and surgeon licensed in California may authorize an individual to apply and operate an AED on an unconscious, pulseless, patient who is apneic or has agonal respirations, only if that authorized individual has been successfully trained according to the standards prescribed by this chapter.

(b) The training standards prescribed by this chapter shall not apply to licensed, certified or other prehospital emergency medical care personnel as defined by Section 1797.189 of the Health and Safety Code.

Note: Authority cited: Sections 1797.107 and 1797.190, Health and Safety Code.
Reference: Sections 1797.5, ~~and 1797.189~~, 1797.190, and 1797.196, Health and Safety Code. Section 1714.21, Civil Code.

~~**§ 100037. Eligibility for Training.**~~

~~An individual shall be eligible for the training prescribed in this chapter if the person has been trained in CPR, and has demonstrated proficiency in CPR practices to the satisfaction of the prescribing physician or his or her designee.~~

~~Note: Authority cited: Sections 1797.107 and 1797.190, Health and Safety Code.
Reference: Sections 1797.5 and 1797.190, Health and Safety Code.~~

Article 3. Training Standards

~~**§ 100038.**~~ **100037. Required Hours and Topics.**

(a) Verify successful completion of a CPR course.

~~(a b)~~ The AED training component shall consist of not less than four (4) hours, presented in two (2) sessions, preferably over a period of at least two days, which may be combined with a basic CPR course and shall include the following topics and skills:

(1) proper use, maintenance and periodic inspection of the AED;

(2) the importance of:

(A) CPR,

(B) defibrillation,

(C) advanced life support,

(D) adequate airway care, and

~~(D)~~ (E) internal emergency response system, if applicable;

(3) overview of the local EMS system, including 9-1-1 access, and interaction with EMS personnel;

(4) assessment of an unconscious patient, to include evaluation of airway, breathing and circulation, to determine if cardiac arrest has occurred and the appropriateness of applying and activating an AED;

(5) information relating to defibrillator safety precautions to enable the individual to administer shock without jeopardizing the safety of the patient or the authorized individual or other nearby persons to include, but not be limited to;

(A) age and weight restrictions for use of the AED,

(B) presence of water or liquid on or around the victim,

(C) presence of transdermal medications, and

(D) implantable pacemakers or automatic implantable cardioverter-defibrillators;

(6) recognition that an electrical shock has been delivered to the patient and that the defibrillator is no longer charged;

(7) rapid, accurate assessment of the patient's post-shock status to determine if further activation of the AED is necessary; and,

(8) authorized individual's responsibility ~~of~~ for continuation of care, such as the repeated shocks if necessary, and/or accompaniment to the hospital, if indicated, or until the arrival of more medically qualified personnel.

Note: Authority cited: Sections 1797.107 and 1797.190, Health and Safety Code.
Reference: Sections 1797.5 ~~and~~ 1797.190, and 1797.196, Health and Safety Code. Section 1714.21, Civil Code.

Article 4. Medical Control

§ ~~400039~~ 100038. Medical Control.

(a) Before prescribing and authorizing the use of AED, the prescribing physician shall establish appropriate policies and procedures, which shall include:

(1) A description of the utilization of the AED, including written medical protocols ~~which that~~ may include, but are not limited to, authorization of personnel, standing orders and case by case reviews.

(2) provisions to comply with any local EMS agency's policies and procedures;

(3) a mechanism for the training and testing of the authorized individual in the use of AED:

(4) a mechanism that will assure the continued competency of the authorized individual to include periodic training, and skill proficiency demonstrations at least ~~quarterly~~ annually, or at the discretion of ~~monitored by either~~ the prescribing physician, or his/her designee (which may be another authorized individual),

(5) a method of medical control to include reviews of each incident of application and the recording of such, either by means of magnetic tape or other suitable storage; and,

(6) the conditions for the rescission or termination of the authorization for the utilization of the AED.

Note: Authority cited: Sections 1797.107 and 1797.190, Health and Safety Code.
Reference: Sections 1797.5, ~~and~~ 1797.190, and 1797.196, Health and Safety Code. Section 1714.21, Civil Code.

1 **§ 100040 100039. Testing.**

2 In order for an individual to be authorized to use the AED, the individual shall
3 pass a written and skills examination, to be determined by the prescribing
4 physician, which tests the ability to assess and manage the specified conditions
5 prescribed in Section 100038.

6 Note: Authority cited: Sections 1797.107 and 1797.190, Health and Safety Code.
7 Reference: Sections 1797.5 and 1797.190, and 1797.196, Health and Safety
8 Code. Section 1714.21, Civil Code.

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10 **§ 100041 100040. Written Validation.**

11 The prescribing physician shall issue to the authorized individual a written
12 validation or other documented proof of the authorized individual's ability to use
13 an AED. Note: Authority cited: Sections 1797.107 and 1797.190, Health and
14 Safety Code.

15 Reference: Sections 1797.5 and 1797.190, and 1797.196, Health and Safety
16 Code. Section 1714.21, Civil Code.

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18 **Article 5. Operational Requirements**

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20 **§100041. Operational Requirements.**

21 (a) Any person who acquires an AED shall do all of the following:

22 (1) Comply with the regulations contained in this Chapter.

23 (2) Shall notify the local EMS agency of the existence, location and type of AED
24 acquired.

25 (b) Any person who acquires an AED shall ensure all of the following:

26 (1) That the defibrillator is maintained and regularly tested according to the
27 operation and maintenance guidelines set forth by the manufacturer, and
28 according to any applicable rules and regulations set forth by the governmental
29 authority under the federal Food and Drug Administration and any other
30 applicable state and federal authority.

31 (2) That the defibrillator is checked for readiness after each use and at least once
32 every 30 days if the AED has not been used in the previous 30 days. Records of
33 these periodic checks shall be maintained.

34 (3) That any person who renders emergency care or treatment on a person in
35 cardiac arrest by using an AED activates the emergency medical services
36 system as soon as possible, and reports any use of the AED to the licensed
37 physician and to the local EMS agency.

38 (4) That there is involvement of a California licensed physician in developing a
39 program to ensure compliance with these regulations and requirements for
40 training, notification and maintenance.

41 Reference: Sections 1797.5, 1797.190, and 1797.196, Health and Safety Code.
42 Section 1714.21, Civil Code.